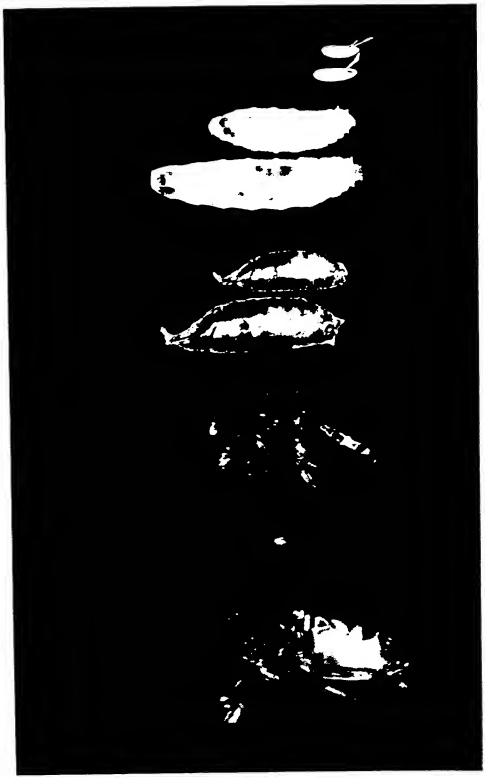

Figure 1A

Figure 1B

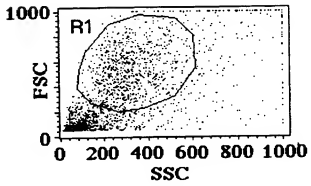

Figure 2A

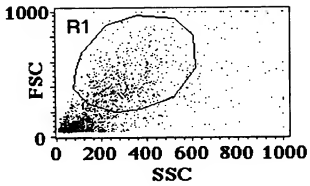

Figure 2B

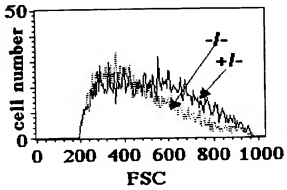

Figure 2C

SUBSTITUTE SHEET (RULE 26)

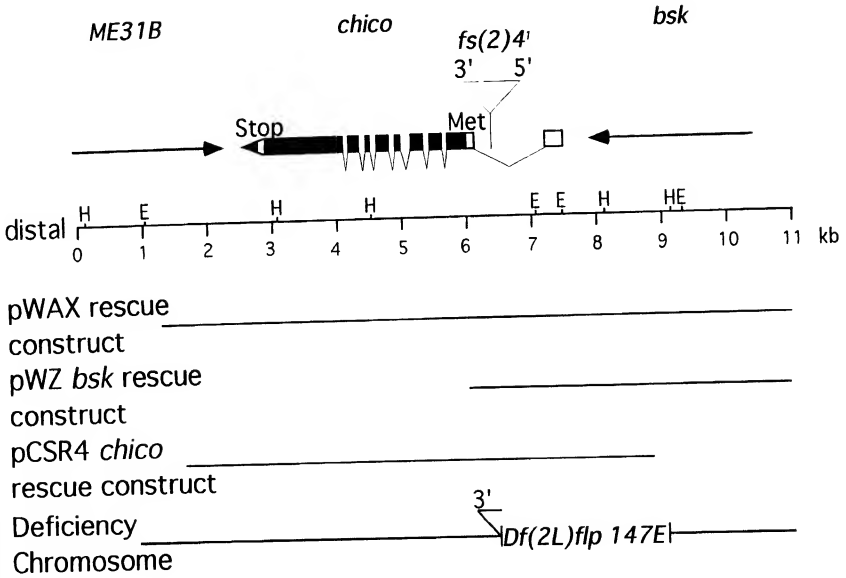

Figure 3A

MASISDDGMALSGYLKKLKTMKKKFFVLYEETSTSAARLEYYDTEKKFLQRAEPKRVIYLKNCFN
INRRLDTKHRFVIVLSSRDGGFGIVLENENDLRKWLDKLILVLQRNIANSNGTAHSPYDHVWQVVL
QKKGISEKVGTTGTYHCCLTSKSLTFVCIGPEKTPNGEDRVASIEILLTTIRRCGHASPQCIFYV
ELGRQSVLGSGDLWMETDNAAIATNMHNTILSAMSAKTESNTNLINVYQNRPDLSHEPMRKRSSS
ANEASKPINVNVIQNSQNSLELRSCSSPHNYGPGRERCDSLPTRNGTLSESSNQTYFGSNHGLRS
NTISGIRPHSTNKHSNSPTFTMPLRCSESESSSISVDESDDNGSFSHYRLNTRSSETAIPEENID
DFASAELFSKVTEQNVSDENYIPMNPVNPTDAIHEKEKADMQRLEDASLHFNFPEHASEKLAKDF
DLDSDNQCCRPIRAYSIGNKVEHLKFNKRLGHLNDTGQNPNVRVRAYSVGSKSKIPRCDLQRVVLV
EDNKHEFTANRSQSSITKEGTSYGSSANRQKKSTSAPLLSLKNQTNSDRMSDLMEIDFSQATNLE
KQKFIKNNEIPKYIENVFPKAPRTDSSSLTLHATSQKDIFNGTKLNNTAITSEDGYLEMKPVGNG
YTPSSNCLPMKVERLKLSDYQTAPPITATAAPVHDLNKISTYNISAEKWREQPSRSEEKKSNSPL
NDNTPGLKPTNVESTSKSHDVHSANQIDSEKVCAQSSDKLNNLADKIVENNNLDIGGHEEKKLVH
SISSEDYTQIKDKSNDFTKFNEAGYKILQIKSDSSLISSKLYQKGIHKDNLERSQRLTESVNTIP
DNATATAVSSSSSLTKFNINSAKPAAAADSRSTGTDPSTPQNILQIKDLNFPSRSSSRISQPELHY
ASLDLPHCSGQNPAKYLKRGSRESPPVSACPEDGNTYAKIDFDQSDSSSSSSNIFNTZ

Figure 3B

Figure 3C

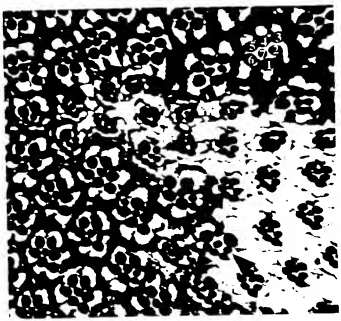

Figure 4A

Figure 4B

Figure 4C

weight (mg)
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
fresh weight
dry weight
+/+
+/+
fresh weight
dry weight
+/-
+/-
fresh weight
dry weight
-/-
-/-
genotype

Figure 5A

lipid
protein
glycogen
cal/mg fresh weight
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0
+/+ +/- -/-
+/+ +/- -/-
+/+ +/- -/-
genotype

Figure 5B